

# SEQUENCE LISTING

<110> KAWAOKA, Akiyoshi  
EBINUMA, Hiroyasu

<120> TRANSCRIPTION FACTOR CONTROLLING PHENYLPROPANOID  
BIOSYNTHESIS PATHWAY

<130> 4859-0027-0

<140> 09/282,146

<141> 1999-03-31

<150> JP 10-125171

<151> 1998-03-31

<160> 13

<170> PatentIn Ver. 2.1

<210> 1

<211> 988

<212> DNA

<213> Nicotiana tabacum

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Met Ala Phe Ala Gly  
1 5

acc aca cag aaa tgc atg gca tgt gac aag act gtc tat ctg gtt gac 162  
Thr Thr Gln Lys Cys Met Ala Cys Asp Lys Thr Val Tyr Leu Val Asp

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Lys Leu Thr Ala Asp Asn Arg Ile Tyr His Lys Ala Cys Phe Arg Cys															
25 30 35															
cat cac tgc aag ggc act gtc aag ctt ggc aac tac aat tcc ttt gag	258														
His His Cys Lys Gly Thr Val Lys Leu Gly Asn Tyr Asn Ser Phe Glu															
40 45 50															
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Gly Val Leu Tyr Cys Arg Pro His Phe Asp Gln Leu Phe Lys Gln Thr															
55 60 65															
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Gly Ser Leu Asp Lys Ser Phe Glu Gly Thr Pro Lys Asn Val Lys Pro															
70 75 80 85															
cag aaa ccc att gac agt gag aaa cca cag gta gcc aaa gtg aca agc	402														
Gln Lys Pro Ile Asp Ser Glu Lys Pro Gln Val Ala Lys Val Thr Ser															
90 95 100															
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Met Phe Gly Gly Thr Arg Glu Lys Cys Phe Gly Cys Lys Lys Thr Val															
105 110 115															
tac cca aca gaa aag gta tca gcc aat ggc acg cca tac cat aag agc	498														
Tyr Pro Thr Glu Lys Val Ser Ala Asn Gly Thr Pro Tyr His Lys Ser															
120 125 130															
tgc ttc caa tgc agc cac gga ggc tgt gta ata agc cct tcc aac tat	546														
Cys Phe Gln Cys Ser His Gly Gly Cys Val Ile Ser Pro Ser Asn Tyr															
135 140 145															
acc gca cat gag ggg cgc tta tat tgt aaa cat cac cat att caa ctt	594														
Thr Ala His Glu Gly Arg Leu Tyr Cys Lys His His His Ile Gln Leu															
150 155 160 165															
atc aag gag aag ggc aac tta agc aag ctt gag ggt gac cat gaa atg	642														
Ile Lys Glu Lys Gly Asn Leu Ser Lys Leu Glu Gly Asp His Glu Met															
170 175 180															
aat tcc acg aca aca aca gga gtt act gca gag tca tac aca gcc gac	690														
Asn Ser Thr Thr Thr Thr Gly Val Thr Ala Glu Ser Tyr Thr Ala Asp															
185 190 195															
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Gln Val Asp															
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 35 40 45  
 Tyr Asn Ser Phe Glu Gly Val Leu Tyr Cys Arg Pro His Phe Asp Gln  
 50 55 60  
 Leu Phe Lys Gln Thr Gly Ser Leu Asp Lys Ser Phe Glu Gly Thr Pro  
 65 70 75 80  
 Lys Asn Val Lys Pro Gln Lys Pro Ile Asp Ser Glu Lys Pro Gln Val  
 85 90 95  
 Ala Lys Val Thr Ser Met Phe Gly Gly Thr Arg Glu Lys Cys Phe Gly  
 100 105 110  
 Cys Lys Lys Thr Val Tyr Pro Thr Glu Lys Val Ser Ala Asn Gly Thr  
 115 120 125  
 Pro Tyr His Lys Ser Cys Phe Gln Cys Ser His Gly Gly Cys Val Ile  
 130 135 140  
 Ser Pro Ser Asn Tyr Thr Ala His Glu Gly Arg Leu Tyr Cys Lys His  
 145 150 155 160  
 His His Ile Gln Leu Ile Lys Glu Lys Gly Asn Leu Ser Lys Leu Glu  
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